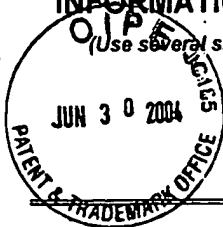


INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL.
FILING DATE
DECEMBER 20, 2001

Group



U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL		U.S. APPLICATION DOCUMENT	DATE OF PUBLICATION	NAME	CLASS	SUBCLASS	FILING DATE
85	AA	2004/0009501	1/15/04	Curtis et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
85	AM	EP 1 293 569	3/19/03	EP			<input type="checkbox"/>	<input type="checkbox"/>
	AN	WO 01/53455	7/26/01	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AO	WO 02/31111	4/18/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AP	WO 02/057460	7/25/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AQ	WO 02/068649	9/6/02	PCT			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

85	AR	NCBI ENTREZ ACCESSION NO. gi AX260340, Meyers, R.A., October 26, 2001
	AS	NCBI ENTREZ ACCESSION NO. gi NP_085143, Hoornaert, I. et al., January 26, 2004
	AT	NCBI ENTREZ ACCESSION NO. gi XP_059988, NCBI Annotation Project, August 1, 2002

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL.
FILING DATE
DECEMBER 20, 2001

Group



FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLAS S	TRANSLATION	
							YES	NO
	2AA	WO 03/000844	1/3/03	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	2AB	WO 03/010327	2/6/03	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	2AC	WO 03/018812	3/6/03	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	2AD	WO 03/072035	9/4/03	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AE						<input type="checkbox"/>	<input type="checkbox"/>
	AF						<input type="checkbox"/>	<input type="checkbox"/>
	AG						<input type="checkbox"/>	<input type="checkbox"/>
	AH						<input type="checkbox"/>	<input type="checkbox"/>
	AI						<input type="checkbox"/>	<input type="checkbox"/>
	AJ						<input type="checkbox"/>	<input type="checkbox"/>
	AK						<input type="checkbox"/>	<input type="checkbox"/>
	AL						<input type="checkbox"/>	<input type="checkbox"/>
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>
	AR						<input type="checkbox"/>	<input type="checkbox"/>
	AS						<input type="checkbox"/>	<input type="checkbox"/>
	AT						<input type="checkbox"/>	<input type="checkbox"/>
	AU						<input type="checkbox"/>	<input type="checkbox"/>
	AV						<input type="checkbox"/>	<input type="checkbox"/>
	AW						<input type="checkbox"/>	<input type="checkbox"/>
	AX						<input type="checkbox"/>	<input type="checkbox"/>
	AY						<input type="checkbox"/>	<input type="checkbox"/>
	AZ						<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER

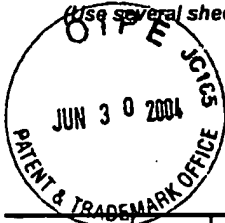
DATE CONSIDERED

3/7/2005

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL.
FILING DATE
DECEMBER 20, 2001

Group

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

85	3AA	NCBI ENTREZ ACCESSION NO. gi 7020545, Watanabe, K. et al., September 13, 2003
	3AB	NCBI ENTREZ ACCESSION NO. gi 16165772, NCBI Annotation Project, May 8, 2002
	3AC	NCBI ENTREZ ACCESSION NO. gi 20834581, NCBI Annotation Project, May 16, 2002
	3AD	NCBI ENTREZ ACCESSION NO. gi 25050344, NCBI Annotation Project, November 17, 2002
	3AE	NCBI ENTREZ ACCESSION NO. gi 27469789, Strausberg, R.L. et al., October 7, 2003
	3AF	NCBI ENTREZ ACCESSION NO. gi 27497737, Guo, J.H. et al., January 4, 2003
	3AG	NCBI ENTREZ ACCESSION NO. gi 27764880, Guo, J.H. et al., April 7, 2003
	3AH	NCBI ENTREZ ACCESSION NO. gi 30089950, Ota, T. et al., May 6, 2004
	3AI	NCBI ENTREZ ACCESSION NO. gi 30089952, Ota, T. et al., May 6, 2004
	3AJ	NCBI ENTREZ ACCESSION NO. gi 34880952, October 23, 2002
	3AK	NCBI ENTREZ ACCESSION NO. gi 45501280, Strausberg, R.L. et al., May 10, 2004
85	3AL	Hoornaert, I. et al., "MAPK phosphatase DUSP16/MKP-7, a candidate tumor suppressor for chromosome region 12p12-13, reduces BCR-ABL-induced transformation", Oncogene, Vol. 22, pp. 7728-7736 (2003)
85	3AM	Mammalian Gene Collection (MGC) Program Team, "Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences", Proc. Natl. Acad. Sci. USA, Vol. 99, No. 26, pp. 16899-16903 (2002)
	3AN	Masuda, K. et al., "MKP-7, a Novel Mitogen-Activated Protein Kinase Phosphatase, Functions as a Shuttle Protein", The Journal of Biological Chemistry, Vol. 276, No. 42, pp. 39002-39011 (2001)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL.
FILING DATE
DECEMBER 20, 2001

Group



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

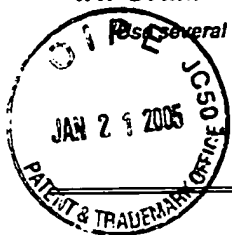
85	4AA	Ota, T. et al., "Complete sequencing and characterization of 21,243 full-length human cDNAs", Nature Genetics, Vol. 36, No. 1, pp. 40-45 (2004)
85	4AB	Saha, S. et al., "A Phosphatase Associated with Metastasis of Colorectal Cancer", Science, Vol. 294, pp. 1343-1346 (2001)
	4AC	Tanoue, T. et al., "A Novel MAPK Phosphatase MAP-7 Acts Preferentially on JNK/SAPK and p38 α and β MAPKs", The Journal of Biological Chemistry, Vol. 276, No. 28, pp. 26629-26639 (2001)
	AD	
	AE	
	AF	
	AG	
	AH	
	AI	
	AJ	
	AK	
	AL	
	AM	
	AN	

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL
FILING DATE
DECEMBER 20, 2001Group
1652

Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
JS	AA	5,849.902	12/15/98	Arrow, et al.	—	—	
JS	AB	6,664,089 B2	12/16/03	Meyers, R.A.	—	—	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

JS	AR	Altschul, et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Res., Vol. 25(17), pp. 3389-3402 (1997)
	AS	Altschul, et al., "Basic Local Alignment Search Tool", J. Mol. Biol., Vol. 215, pp. 403-410 (1990)
	AT	Arfin, et al., "Eukaryotic methionyl aminopeptidases: Two classes of cobalt-dependent enzymes", PNAS, Vol. 92, pp. 7714-7718 (1995)

EXAMINER

DATE CONSIDERED

3/4/05

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL.
FILING DATE
DECEMBER 20, 2001Group
1652

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

85	2AA	Bateman, et al., "The Pfam Protein Families Database", Nucleic Acids Res., Vol. 28(1), pp. 263-266 (2000)
	2AB	Bazan, et al., "Sequence and structure comparison suggest that methionine aminopeptidase, prolidase, aminopeptidase P, and creatinase share a common fold", PNAS, Vol. 91, pp. 2473-2477 (1994)
	2AC	Bernstein, et al., "The Protein Data Bank: A computer-based Archival File for Macromolecular Structures", J. Mol. Biol., Vol. 112, pp. 535-542 (1977)
	2AD	Böhm, HJ., "The computer program LUDI: A new method for the de novo design of enzyme inhibitors", J. Computer Aided Mol. Design, Vol. 6, pp. 61-78 (1992)
	2AE	Bradshaw, et al., "N-Terminal processing: the methionine aminopeptidase and N ^α -acetyl transferase families", TIBS, Vol. 23, pp. 263-267 (1998)
	2AF	Burge, et al., "Prediction of Complete Gene Structures in Human Genomic DNA", JMB, Vol. 268, pp. 78-94 (1997)
	2AG	Cantley, et al., "Oncogenes and Signal Transduction", Cell, Vol. 64, pp. 281-302 (1991)
	2AH	Cardozo, et al., "Homology Modeling by the ICM Method", Proteins, Vol. 23, pp. 403-414 (1995)
	2AI	Chang, et al., "Mammalian MAP kinase signaling cascades", Nature, Vol. 410, pp. 37-40 (2001)
	2AJ	Chang, et al., "Molecular Cloning, Sequencing, Deletion, and Overexpression of a Methionine Aminopeptidase Gene from <i>Saccharomyces cerevisiae</i> ", JBC., Vol. 267(12), pp. 8007-8011 (1992)
	2AK	Charbonneau, et al., "The leukocyte common antigen (CD45): A putative receptor-linked protein tyrosine phosphatase", PNAS, Vol. 85, pp. 7182-7186 (1988)
	2AL	Charbonneau, et al., "Human placenta protein-tyrosine-phosphatase: Amino acid sequence and relationship to a family of receptor-like proteins", PNAS, Vol. 86, pp. 5252-5256 (1989)
	2AM	Chernoff, et al., "Cloning of a cDNA for a major human protein-tyrosine-phosphatase", PNAS, Vol. 87, pp. 2735-2739 (1990)
▽	2AN	Cool, et al., "cDNA isolated from a human T-cell library encodes a member of the protein-tyrosine-phosphatase family", PNAS, Vol. 86, pp. 5257-5261 (1989)

EXAMINER

DATE CONSIDERED

3/4/2005

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL.
FILING DATE
DECEMBER 20, 2001

Sheet 3 of 10

Group
1652

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

85	3AA	Datta, Bansidhar, "MAPs and POEP of the roads from prokaryotic to eukaryotic kingdoms", Biochimie, Vol. 82, pp. 95-107 (2000)
	3AB	D'Amico, et al., "The Integrin-linked Kinase Regulates the Cyclin D1 Gene through Glycogen Synthase Kinase 3 β and cAMP-responsive Element-binding Protein-dependent Pathways", JBC., Vol. 275(42), pp. 32649-32657 (2000)
	3AC	Diatchenko, et al., "Suppression subtractive hybridization: A method for generating differentially regulated or tissue-specific cDNA probes and libraries", PNAS, Vol. 93, pp. 6025-6030 (1996)
	3AD	Edwards, et al., "Oligodeoxyribonucleotide ligation to single-stranded cDNAs: a new tool for cloning 5' ends to mRNAs and for constructing cDNA libraries by <i>in vitro</i> amplification", Nucleic Acids Res., Vol. 19(19), pp. 5227-5232 (1991)
	3AE	Fauman, et al., "Structure and function of the protein tyrosine phosphatases", TIBS, Vol. 21, pp. 413-417 (1996)
	3AF	Frearson, et al., "The role of phosphotyrosine phosphatases in haematopoietic cell signal transduction", BioEssays, Vol. 19(5), pp. 417-427 (1997)
	3AG	Fromont-Racine, et al., "A highly sensitive method for mapping the 5' termini of mRNAs", Nucleic Acids Res., Vol. 21(7), pp. 1683-1684 (1993)
	3AH	Frohman, et al., "Rapid production of full-length cDNAs from rare transcripts: Amplification using a single gene-specific oligonucleotide primer", PNAS, Vol. 85, pp. 8998-9002 (1988)
	3AI	Gerner, et al., "The Fas-induced Apoptosis Analyzed by High Throughput Proteome Analysis", JBC, Vol. 275(5), pp. 39018-39026 (2000)
	3AJ	Gloria-Bottini, et al., "Phosphotyrosine-Protein-Phosphatases And Human Reproduction: An Association Between Low Molecular Weight Acid Phosphatase (ACP1) And Spontaneous Abortion", Disease Markers, Vol. 12, pp. 261-269 (1996)
	3AK	Greer, Jonathan, "Comparative Modeling of Homologous Proteins", Methods in Enzymology, Vol. 202, pp. 239-253 (1991)
	3AL	Goodford, P.J., "A Computational Procedure for Determining Energetically Favorable Binding Sites on Biologically Important Macromolecules", J. Med. Chem., Vol. 28, pp. 849-857 (1985)
	3AM	Goodsell, et al., "Automated Docking of Substrates to Proteins by Simulated Annealing", Proteins, Vol. 8, pp. 195-202 (1990)
	3AN	Gu, et al., "Identification, cloning, and expression of a cytosolic megakaryocyte protein-tyrosine-phosphatase with sequence homology to cytoskeletal protein 4.1", PNAS, Vol. 88, pp. 5867-5871 (1991)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL.
FILING DATE
DECEMBER 20, 2001Group
1652

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

85	4AA	Hanks, et al., "The Protein Kinase Family: Conserved Features and Deduced Phylogeny of the Catalytic Domains", Science, Vol. 241, pp. 42-52 (1988)
	4AB	Hariharan, et al., "Cloning and characterization of a receptor-class phosphotyrosine phosphatase gene expressed on central nervous system axons in <i>Drosophila melanogaster</i> ", PNAS, Vol. 88, pp. 11266-11270 (1991)
	4AC	Hendlich, et al., "Identification of Native Protein Folds Amongst a Large Number of Incorrect Models", J. Mol. Biol., Vol. 216, pp. 167-180 (1990)
	4AD	Henikoff, et al., "Amino acid substitution matrices from protein blocks", PNAS, Vol. 89, pp. 10915-10919 (1992)
	4AE	Herlaar, et al., "p38 MAPK signaling cascades in inflammatory disease", Molec. Med. Today, Vol. 5, pp. 439-447 (1999)
	4AF	Hunter, Tony, "Protein-Tyrosine Phosphatases: The Other Side of the Coin", Cell, Vol. 58, pp. 1013-1016 (1989)
	4AG	Hunter, Tony, "A Tail of Two src's: Mutatis Mutandis", Cell, Vol. 49, pp. 1-4 (1987)
	4AH	Hunter, et al., "Protein-Tyrosine Kinases", Ann. Rev. Biochem., Vol. 54, pp. 897-930 (1985)
	4AI	Jia, et al., "Structural Basis for Phosphotyrosine Peptide Recognition by Protein Tyrosine Phosphatase 1B", Science, Vol. 268, pp. 1754-1758 (1995)
	4AJ	Jirik, et al., "Cloning and chromosomal assignment of a widely expressed human receptor-like protein-tyrosine phosphatase", FEBS Letters, Vol. 273(1,2), pp. 239-242 (1990)
	4AK	Kaplan, et al., "Cloning of three human tyrosine phosphatases reveals a multigene family of receptor-linked protein-tyrosine-phosphatases expressed in brain", PNAS, Vol. 87, pp. 7000-7004 (1990)
	4AL	Katz, et al., "The SJL/J T Cell Response To Both Spontaneous And Transplantable Syngeneic Reticulum Cell Sarcoma Is Mediated Predominantly By The V β 17a ⁺ T Cell Clonotype", J. Exp. Med., Vol. 168, pp. 1553-1562 (1988)
	4AM	Keeling, et al., "Methionine aminopeptidase-1: the MAP of the mitochondrion?", TIBS, pp. 285-286 (1996)
	4AN	Kendall, et al., "Isolation and Characterization of the Methionine Aminopeptidase from Porcine Liver Responsible for the Co-translational Processing of Proteins", JBC, Vol. 267(29), pp. 20667-20673 (1992)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL.
FILING DATE
DECEMBER 20, 2001Group
1652

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	5AA	Krejsa, et al., "Role of Oxidative Stress in the Action of Vanadium Phosphotyrosine Phosphatase Inhibitors", JBC, Vol. 272(17), pp. 11541-11549 (1997)
	5AB	Krueger, et al., "Structural diversity and evolution of human receptor-like protein tyrosine phosphatases", EMBO J., Vol. 9(10), pp. 3241-3252 (1990)
	5AC	Kruger, et al., "TNP-470: an angiogenesis inhibitor in clinical development for cancer", Exp. Opin. Invest. Drugs, Vol. 9(6), pp. 1383-1396 (2000)
	5AD	Kuntz, et al., "A Geometric Approach to Macromolecule-Ligand Interactions", J. Mol. Biol., Vol. 161, pp. 269-288 (1982)
	5AE	Kunkel, Thomas A., "Rapid and efficient site-specific mutagenesis without phenotypic selection", PNAS, Vol. 82, pp. 488-492 (1985)
	5AF	Kusaka, et al., "Cytostatic inhibition of endothelial cell growth by the antiogenesis inhibitor TNP-470 (AGM-1470), Br. J. Cancer, Vol. 69, pp. 212-216 (1994)
	5AG	Lee, et al., "Paclitaxel (Taxol)-induced Gene Expression and Cell Death Are Both Mediated by the Activation of c-Jun NH ₂ -terminal Kinase (JNK/SAPK), JBC, Vol. 273(43), pp. 28253-28260 (1998)
	5AH	Lesk, et al., "Homology modeling: inferences from tables of aligned sequences", Curr. Opin. Struc. Biol., Vol. 2, pp. 242-247 (1992)
	5AI	Levitt, Michael, "Accurate Modeling of Protein Conformation by Automatic Segment Matching", J. Mol. Biol., Vol 226, pp. 507-533 (1992)
	5AJ	Li, et al., "Amino-terminal protein processing in <i>Saccharomyces cerevisiae</i> is an essential function that requires two distinct methionine aminopeptidases", PNAS, Vol. 92, pp. 12357-12361 (1995)
	5AK	Lin, et al., "β-Catenin, a novel prognostic marker for breast cancer: Its roles in cyclin D1 expression and cancer progression", PNAS, Vol. 97(8), pp. 4262-4266 (2000)
	5AL	Lombroso, et al., "Molecular characterization of a protein-tyrosine-phosphatase enriched in striatum", PNAS, Vol. 88, pp. 7242-7246 (1991)
	5AM	Lowther, et al., "Structure and function of the methionine aminopeptidases", Bioch. Biophys. Acta, Vol. 1477, pp. 157-167 (2000)
	5AN	Matthews, et al., "Identification of an additional member of the protein-tyrosine-phosphatase family: Evidence for alternative splicing in the tyrosine phosphatase domain", PNAS, Vol. 87, pp. 4444-4448 (1990)

EXAMINER

DATE CONSIDERED

3/4/2005

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL.
FILING DATE
DECEMBER 20, 2001Group
1652

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

85	6AA	Michaelson, et al., "β-catenin is a downstream effector of Wnt-mediated tumorigenesis in the mammary gland", <i>Oncogene</i> , Vol. 20, pp. 5093-5099 (2001)
	6AB	Martin, Yvonne C., "3D Database Searching in Drug Design", <i>J. Med. Chem.</i> , Vol. 35(12), pp. 2145-2154 (1992)
	6AC	Masuda, et al., "MKP-7, a Novel Mitogen-activated Protein Kinase Phosphatase, Functions as a Shuttle Protein", <i>JBC</i> , Vol. 276(42), pp. 39002-39011 (2001)
	6AD	Morla, et al., "Dephosphorylation Accompanies Activation during Entry into Mitosis", <i>Cell</i> , Vol. 58, pp. 193-203 (1989)
	6AE	Musgrove, et al., "Cyclins and Breast Cancer", <i>J. Mammary Gland Biology Neoplasia</i> , Vol. 1(2), pp. 153-162 (1996)
	6AF	Mustelin, et al., "Rapid activation of the T-cell tyrosine protein kinase pp 56 ^{lck} by the CD45 phosphotyrosine phosphatase", <i>PNAS</i> , Vol. 86, pp. 6302-6306 (1989)
	6AG	Nagase, et al., "Prediction of the Coding Sequences of Unidentified Human Genes. III. The Coding Sequences of 40 New Genes (KIAA0081-KIAA0120) Deduced by Analysis of cDNA Clones from Human Cell Line KG-1", <i>DNA Res.</i> , Vol. 2, pp. 37-43 (1995)
	6AH	Nagase, et al., "Prediction of the Coding Sequences of Unidentified Human Genes. XIX. The complete Sequences of 100 New cDNA Clones from Brain Which Code for Large Proteins <i>in vitro</i> ", <i>DNA Res.</i> , Vol. 7, pp. 347-355 (2000)
	6AI	Nguyen, et al., "Prostatic Acid Phosphatase in Serum of Patients with Prostatic Cancer is a Specific Phosphotyrosine Acid Phosphatase", <i>Clin. Chem.</i> , Vol. 36(8), pp. 1450-1455 (1990)
	6AJ	Novotny, et al., "Criteria That Discriminate Between Native Proteins and Incorrectly Folded Models", <i>Proteins</i> , Vol. 4, pp. 19-30 (1988)
	6AK	Nurse, Paul, "Universal control mechanism regulating onset of M-phase", <i>Nature</i> , Vol. 344, pp. 503-508 (1990)
	6AL	Ohagi, et al., "Sequence of a cDNA encoding human LRP (leukocyte common antigen-related peptide)", <i>Nucleic Acids Res.</i> , Vol. 18(23), pp. 7159 (1990)
	6AM	Ostergaard, et al., "Expression of CD45 alters phosphorylation of the <i>lck</i> -encoded tyrosine protein kinase in murine lymphoma T-cell lines", <i>PNAS</i> , Vol. 86, pp. 8959-8963 (1989)
▽	6AN	Pearson, William R., "Rapid and Sensitive Sequence Comparison with FASTP and FASTA", <i>Methods in Enzymol.</i> , Vol. 183, pp. 63-98 (1990)

EXAMINER

DATE CONSIDERED

3/4/05

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL.
FILING DATE
DECEMBER 20, 2001

Group
1652

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

JS	7AA	Ralph, et al., "Structural variants of human T200 glycoprotein (leukocyte-common antigen)", EMBO J., Vol. 6(5), 1251-1257 (1987)
	7AB	Sap, et al., "Cloning and expression of a widely expressed receptor tyrosine phosphatase", PNAS, Vol. 87, pp. 6112-6116 (1990)
	7AC	Schaefer, Brian C., "Revolutions in Rapid Amplification of cDNA Ends: New Strategies for Polymerase Chain Reaction Cloning of Full-Length cDNA Ends", Anal. Biochem., Vol. 227, pp. 255-273 (1995)
	7AD	Seidman, et al., "The Role of ERK 1/2 and p38 MAP-Kinase Pathways in Taxol-Induced Apoptosis in Human Ovarian Carcinoma Cells", Experimental Cell Res., Vol. 268, pp. 84-92 (2001)
	7AE	Shimohama, et al., "Reduction of Low-Molecular-Weight Acid Phosphatase Activity in Alzheimer Brains", Ann. Neurol., Vol. 33, pp. 616-621 (1993)
	7AF	Sin, et al., "The anti-angiogenic agent fumagillin covalently binds and inhibits the methionine aminopeptidase, MetAP-2", PNAS, Vol. 94, pp. 6099-6103 (1997)
	7AG	Sonnhammer, et al., "Pfam: A Comprehensive Database of Protein Domain Families Based on Seed Alignments", Proteins, Vol. 28, pp. 405-420 (1997)
	7AH	Stewart, et al., "Crystal structure of the MAPK phosphatase Pyst 1 catalytic domain and implications for regulated activation", Nature Struct. Biol., Vol. 6(2), pp. 174-181 (1999)
	7AI	Streuli, et al., "A family of receptor-linked protein tyrosine phosphatases in humans and <i>Drosophila</i> ", PNAS, Vol. 86, pp. 8698-8702 (1989)
	7AJ	Streuli, et al., "Distinct functional roles of the two intracellular phosphatase like domains of the receptor-linked protein tyrosine phosphatases LCA and LAR", EMBO J., Vol. 9(8), pp. 2399-2407 (1990)
	7AK	Sugimoto, et al., "A Simple and Efficient Method for the Oligonucleotide-Directed Mutagenesis Using Plasmid DNA Template and Phosphorothioate-Modified Nucleotide", Analytical Biochem., Vol. 179, pp. 309-311 (1989)
	7AL	Tanoue, et al., "A Novel MAPK Phosphatase MKP-7 Acts Preferentially on JNK/SAPK and p38 α and β MAPKs", JBC, Vol. 276(28), pp. 26629-26639 (2001)
	7AM	Taylor, et al., "The rapid generation of oligonucleotide-directed mutations at high frequency using phosphorothioate-modified DNA", Nucleic Acids Res., Vol. 13(24), pp. 8765-8785 (1985)
↓	7AN	Thomas, Matthew L., "The Leukocyte Common Antigen Family", Ann. Rev. Immunol., Vol. 7, pp. 339-369 (1989)

EXAMINER

DATE CONSIDERED

3/4/05

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL.
FILING DATE
DECEMBER 20, 2001Group
1652

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

85	8AA	Tsai, et al., "Isolation and Characterization of Temperature-sensitive and Thermostable Mutants of the Human Receptor-like Protein Tyrosine Phosphatase LAR", JBC, Vol. 266(16), pp. 10534-10543 (1991)
	8AB	Ullrich, et al., "Signal Transduction by Receptors with Tyrosine Kinase Activity", Cell, Vol. 61, pp. 203-212 (1990)
	8AC	Vandeyar, et al., "A simple and rapid method for the selection of oligodeoxynucleotide-directed mutants", Gene, Vol. 65, pp. 129-133 (1988)
	8AD	Weaver, et al., "CD8 ⁺ T-Cell Clones Deficient In the Expression of the CD45 Protein Tyrosine Phosphatase Have Impaired Responses to T-Cell Receptor Stimuli", Molec. Cell. Biol., Vol. 11(9), pp. 4415-4422 (1991)
	8AE	Weiss, Arthur, "Molecular and Genetic Insights Into T Cell Antigen Receptor Structure And Function", Annu. Rev. Genet., Vol. 25, pp. 487-510 (1991)
	8AF	Yi, et al., "Protein Tyrosine Phosphatase Containing SH2 Domains: Characterization, Preferential Expression in Hematopoietic Cells, and Localization to Human Chromosome 12p12-p13", Molec. Cell. Biol., Vol. 12(2), pp. 836-846 (1992)
	8AG	Yoon, et al., "Protein Tyrosine Kinase Inhibitors Block the Stimulatory Actions of Phosphotyrosine Phosphatase Inhibitors to Increase Cell Proliferation, Alkaline Phosphatase Activity, and Collagen Synthesis in Normal Human Bone Cells", Am. J. Nephrol., Vol. 20, pp. 153-162 (2000)
	8AH	Yuvaniyama, et al., "Crystal Structure of the Dual Specificity Protein Phosphatase VHR", Science, Vol. 272, pp. 1328-1331 (1996)
	8AI	NCBI Entrez Accession No. A55148 (gi:1083770), Mauro, et al., September 10, 1999
	8AJ	NCBI Entrez Accession No. AAB40597 (gi:1777755), Crowell, et al., July 30, 1999
	8AK	NCBI Entrez Accession No. AAB40598 (gi:1777757), Crowell, et al., July 30, 1999
	8AL	NCBI Entrez Accession No. AAF53506 (gi:22946607), Adams, et al., November 12, 2004
	8AM	NCBI Entrez Accession No. AAG28768 (gi:11066925), Morrison, et al., November 17, 2000
	8AN	NCBI Entrez Accession No. AAH01140 (gi:12654609), Strausberg, et al., June 29, 2004

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL.
FILING DATE
DECEMBER 20, 2001

Group
1652

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

85	9AA	NCBI Entrez Accession No. AB013382 (gi:3869139), Furukawa, T., March 27, 1999
	9AB	NCBI Entrez Accession No. AB026436 (gi:5138994), Tanoue, T., July 22, 1999
	9AC	NCBI Entrez Accession No. AL354751 (gi:9187237), Clark, G., January 4, 2005
	9AD	NCBI Entrez Accession No. AL360020 (gi:13872351), Johnson, C., January 6, 2005
	9AE	NCBI Entrez Accession No. BAB40814 (gi:13548677), Masuda, et al., October 18, 2001
	9AF	NCBI Entrez Accession No. BAB71060 (gi:16550836), Ota, et al., January 30, 2004
	9AG	NCBI Entrez Accession No. CAD13382 (gi:17402248), Johnson, C., January 6, 2005
	9AH	NCBI Entrez Accession No. JC5981 (gi:7513774), Zeng, et al., March 17, 1999
	9AI	NCBI Entrez Accession No. NP_002839 (gi:4506323), Aguiar, et al., October 26, 2004
	9AJ	NCBI Entrez Accession No. NP_003662 (gi:4502699), Li, et al., October 26, 2004
	9AK	NCBI Entrez Accession No. NP_003663 (gi:15451929), Kaiser, et al., October 26, 2004
	9AL	NCBI Entrez Accession No. NP_004411 (gi:4758212), Hink, et al., October 26, 2004
	9AM	NCBI Entrez Accession No. NP_032774 (gi:6679156), Strausberg, et al., October 28, 2004
2	9AN	NCBI Entrez Accession No. NP_035346 (gi:47059069), Beltran, et al., October 28, 2004

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
D0072 NP
APPLICATION NO.
10/029,345
APPLICANT
JACKSON ET AL.
FILING DATE
DECEMBER 20, 2001

Group
1652

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

S/S	10AA	NCBI Entrez Accession No. NP_060293 (gi:56786144), Takagaki, et al., December 22, 2004
	10AB	NCBI Entrez Accession No. P32587 (gi:417568), Millar, et al., January 25, 2005
	10AC	NCBI Entrez Accession No. XP_049675 (gi:16165772), NCBI's Annotation Process, May 8, 2002
	10D	NCBI Entrez Accession No. 1AAX (gi:2981942), Barford, et al., January 16, 1997
	10AE	NCBI Entrez Accession No. 1MKP (gi:5822131), Stewart, et al., July 11, 1998
	10AF	NCBI Entrez Accession No. 1VHRA (gi:1633321), Ishibashi, et al., February 20, 1996
↓	10AG	NCBI Entrez Accession No. U27193 (gi:1109781), Martell, et al., December 8, 1995
	AH	
	AI	
	AJ	
	AK	
	AL	
	AM	
	AN	

EXAMINER

Shwartz

DATE CONSIDERED

3/4/2005

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.